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*G. d'Ambrosio*

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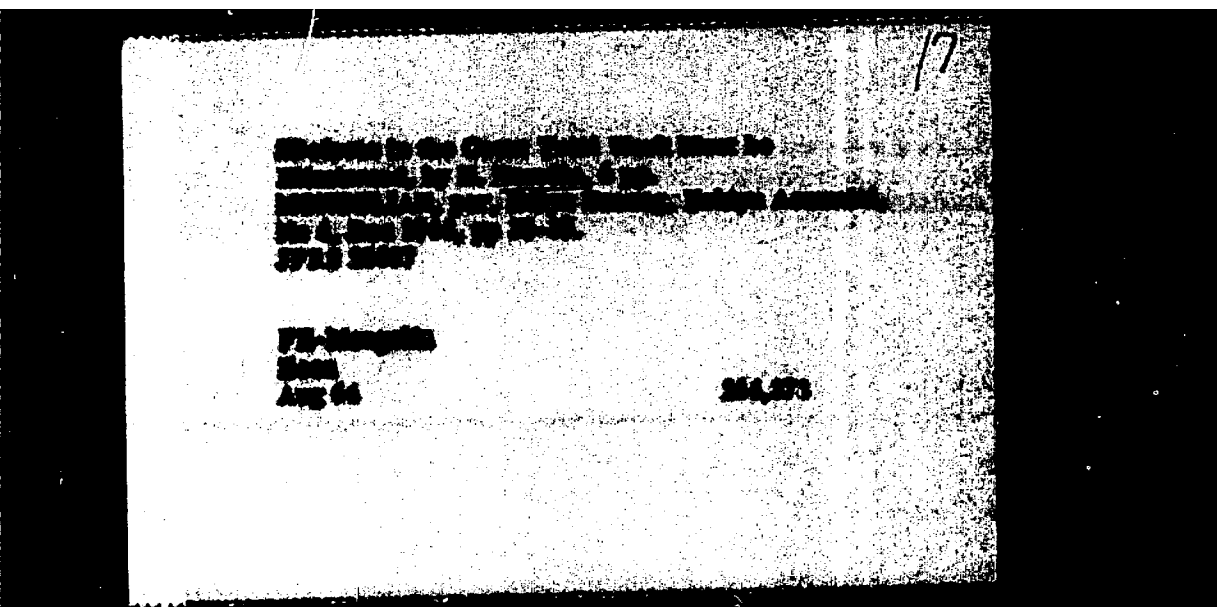
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JPRS 10716

ASIA - Mongolia

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Nov 59

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Vol XI, No 2, 1961, pp 18-23.

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FE - China  
Econ  
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(DC-5903/1)

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JPRS 8792

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Ts. Ismajinsuren, App.

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Crossing of Mine Fields, by Pietro Damiani, 17 pp.  
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ID 2159973

WEur - Italy  
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16 Feb 61

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steal Transplants, by F. Baldrati, R.  
Damiani, R. Frignani, 3 pp.

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Osteogenesis by Transplant of Costal Periosteum,  
by R. Frignani, R. Damiani, F. Baldrati,  
4 pp.

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Sperimentale. Bollettino, Vol XXXIII,  
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Sci - Med

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Combination of Helium with Uranium by Chemical  
Cathodic Activation and the Thermal Decomposition  
of the Compound Formed, by H. Damianovich, 6 pp.

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Argentina, Vol XVII, No 64, 1939.

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Apr 56

Damianovich, H[oracio]  
[THE INERTIA AND THE CHEMICAL ACTIVITY OF  
THE RARE GASES]. III. COMPARISON OF THE  
PROPERTIES OF HELIUM-PLATINUM COMPOUNDS  
WITH THOSE OF THE SYSTEM HYDROGEN-PLATI-  
NUM AND WITH THOSE OF THE COMPOUNDS  
FORMED BY OXYGEN AND BY NITROGEN WITH  
THE SAME METAL. 16 Dec 60, 22p. 8 refs.  
Order from SIA \$2.60 63-10390

Trans. of Soc[été] Chim[ique de] France.  
Bull[etin] 1933, ser. 5, v. 5, p. 1106-1120.

DESCRIPTORS: \*Helium group gases, Chemical  
reactions \*Platinum compounds, \*Helium, Hydrogen  
compounds, Oxygen compounds, Nitrogen compounds,  
Chemical properties, Physical properties,  
Microstructure.

(See Also 63-10339)  
(Chemistry--Inorganic, TT, v. 10, no. 1)

63-10390

I. Dandanovich, II.  
II. Title: Comparaison ...

Office of Technical Services

Damianovich, Horacio and Urondo, F.  
HELIUM AND RADIOACTIVITY IN URANIUM  
MINERALS. I. AUTUNITE AND ITS FRACTIONS.  
3 Aug 61, 9p. (figs. omitted) 7 refs.  
Order from SLA \$1.10

63-10367

Trans. of Soc[iedad] Cient[ifica] Argentina. Anales,  
1937, v. 124, p. 240-247.

DESCRIPTORS: Chemical analysis, \*Helium, \*Radio-  
activity, \*Uranium, \*Minerals, \*Fractionation,  
Measurement, Physical properties, Chemical proper-  
ties, Natural radioactivity, Helium group gases.

(Chemistry--Physical, TT, v. 10, no. 4)

63-10367

I. Title: Autunite  
I. Damianovich, H.  
II. Urondo, F.  
III. Title: Autunite ...

63-10367

Office of Technical Services

Damianovich, Horacio.  
THE LAW OF PRODUCTION OF HELIUM BY  
RADIUM: RESULTS OBTAINED UP TILL NOW, AND  
NEW EXPERIMENTS. 28 June 61, 7p. 5 refs.  
Order from SLA \$1.10 63-10351

Trans. of Sociedad Cientifica Argentina. Anales,  
1937, v. 124, p. 229-234.

DESCRIPTORS: Production, \*Helium, \*Radium com-  
pounds, Pyrolysis, Chemical analysis, Experimental  
data, Tests, Radioactivity, Helium group gases.

(Chemistry--Physical, TT, v. 10, no. 4)

63-10351

1. Damianovich, H.

100-6104

Office of Technical Services

Damianovich, H[oracio].

[THE INERTIA AND THE CHEMICAL ACTIVITY OF THE RARE GASES]. II. OBTAINING STABLE COMPOUNDS BY THE ACTION OF HELIUM ON PLATINUM, ACTIVATED BY CATHODIC EVAPORATION. [1962]

21p. 14 refs.

Order from SLA \$2.60

63-10389

Trans. of Soc[été] Chim[ique de] France. Bull[etin]  
1938, ser. 5, v. 5, p. 1092-1106.

DESCRIPTORS: \*Helium group gases, Chemical reactions \*Platinum compounds, \*Helium, \*Xenon, Oxygen compounds, Nitrogen compounds, Hydrogen compounds, Pyrolysis, Laboratory equipment, Cathodes, Evaporation.

(See Also 63-10522)

(Chemistry--Inorganic, TT, v. 10, no. 1)

63-10389

I. Damianovich, H.  
II. Title: Obtaining ...

Office of Technical Services

63-10342

.Damianovich, Horacio.

INERTIA AND CHEMICAL ACTIVITY OF THE RARE  
GASES: RELEASE OF HELIUM BY THE PLATINUM-  
HELIUM COMPOUND AND BY RADIUM SALTS AT  
DIFFERENT TEMPERATURES. 14 Aug 61, 17p. 3 refs.  
Order from SLA \$1.60 63-10342

Trans. of Soc[iedad] Cient[ifica] Argentina. Anales,  
1934, v. 118, p. 227-241.

DESCRIPTORS: \*Helium group gases, \*Helium,  
\*Platinum compounds, \*Radium compounds, Bromides,  
Pyrolysis.

(Chemistry--Inorganic, TT, v. 10, no. 2)

I. Damianovich, H.  
II. Title: Release ...

Office of Technical Services

Damianovich, Horacio.  
CHEMICAL INERTIA OF THE RARE GASES. I.  
ACTION OF HELIUM ON PLATINUM. 15 Mar 61,  
34p. 7 refs.  
Order from SLA \$3.60

63-10392

Trans. of [Asociacion] Quimica Argentina. Anales,  
1929, v. 17, p. 95-141.

DESCRIPTORS: \*Helium group gases, \*Helium,  
\*Platinum compounds, Synthesis, Temperature,  
Chemical properties, Microstructure, Reaction kinetics,  
Electrochemistry.

(Chemistry--Inorganic, TT, v. 10, no. 2)

63-10392

I. Damianovich, H.  
II. Title: Action...

63-10392

Office of Technical Services

Damianovich, H[oracio] and Virasoro, E.  
THE CHEMISTRY OF HELIUM AND ANALOGOUS  
ELEMENTS. VII. HELIUM IN THE COMPOUNDS  
He-Pt AND He-Pt-Hg, AND CHANGES IN THE  
MICROCRYSTALLINE STRUCTURE AS REVEALED  
BY X-RAY SPECTROGRAMS. 22 May 61 [6p. 1 ref.  
Order from SLA \$1.10 63-10369

Trans. of [Universidad Nacional del Litoral]. Inst[itu-  
to de] Invest[ig]acio[n]e[s] Cient[ificas y] Tecn[olo-  
gicas]. Anales (Argentina) 1937, v. 7, p. 37-38.

DESCRIPTORS: \*Helium group gases, \*Helium,  
\*Platinum compounds, \*Mercury compounds, Crystal  
structure, X-ray spectroscopy.

HePtHg complexes have very definitely been success-  
fully prepared by causing 50-percent  $\text{HNO}_3$  to react on  
the microcrystalline amalgams obtained by heating the  
(Chemistry--Inorganic, IT, v. 10, no. 2) (over)

63-10369

I. Damianovich, H.  
II. Virasoro, E.  
III. Title: Helium...

Office of Technical Services



Damianovich, Horacio.

INERTIA AND CHEMICAL ACTIVITY OF THE RARE  
GASES. 17 Jan 61, 10p.  
Order from SLA \$1.10

63-10366

Trans. of [Universidad Nacional del Litoral]. Insti-  
tuto de] Invest[igaciones] Cient[ificas y] Tecn[ologicas].  
Anales (Argentina) 1932, v. 1, p. 30-37.

DESCRIPTORS: \*Helium group gases, \*Helium,  
\*Platinum compounds, Synthesis, Chemical properties,  
Chemical analysis, Electrochemistry.

The author gives a description of the experimental  
technique by means of which he has obtained the Plati-  
num-Helium combination mixed with an excess of the  
metal, in sufficient amount to study its decomposition  
and some of its properties. It consists of producing the  
electric discharge, using the platinum as electrode,  
(Chemistry--Inorganic, TT, v. 10, no. 2) (over)

63-10366

I. Damianovich, H.

Office of Technical Services

Dandaniovich, Horacio.

DYNAMIC COMPARISON OF PHYSICAL-CHEMICAL  
SYSTEMS: NEW CONTRIBUTIONS TO THE STUDY OF  
THE RELATIONS BETWEEN THE ENERGY OF  
ACTIVATION OF THE MOLECULES AND THE  
ISOKINETIC TEMPERATURES. 3 June 61, 20p. 17 refs.  
Order from SLA \$1.60 63-10361

Trans. of [Universidad Nacional del Litoral], Inst[itu-  
tuto de Invest[igaciones] Cient[ificas y] Tecn[olo-  
gicas]. Anales (Argentina) 1932, v. 1, p. 15-29.

DESCRIPTORS: Physical chemistry, \*Reaction  
kinetics, Molecules, \*Heat of activation, Temperature,  
Catalysts.

Starting with the idea that time and rate must be  
included in the comparison of the physical-chemical  
systems in evolution, it is demonstrated by the  
(Chemistry--Physical, TT, v. 10, no. 2) (over)

63-10361

I. Dandaniovich, H.

II. Title: New ...

1205566

Office of Technical Services

Damianovich, H[oracio].  
THE INERTIA AND THE CHEMICAL ACTIVITY OF  
THE RARE GASES. I. THE THEORY OF NULLIVA-  
LENCE: THE GENERAL PROBLEM OF THE CHEMI-  
CAL ACTIVATION OF THE RARE GASES. [1962] 8p.  
25 refs.

Order from SLA \$1.10

63-10522

Trans. of Soc[été] Chim[ique de] France. Bull[etin]  
[1938] ser. 5, v. 5, p. 1085-1091.

DESCRIPTORS: Helium group gases, Chemical com-  
pounds, Valence, Theory.

(Chemistry--Inorganic, TT, v. 10, no. 2)

63-10522

I. Damianovich, H.  
II. Title: Theory ...  
III. Title: General ...

105959

Office of Technical Services

Damianovich, Horacio.

[INERTIA] AND CHEMICAL ACTIVITY OF THE RARE  
GASES. VIII. THE ACTION OF HELIUM ON PAL-  
LADIUM UNDER THE INFLUENCE OF ELECTRIC  
DISCHARGES. 15 Sep 60, 6p. 3 refs.  
Order from SLA \$1.10

63-10344

Trans. of Soc[iedad] Cient[ifica] Argentina. Anales,  
1935, v. 120, p. 98-103.

DESCRIPTORS: \*Helium group gases, \*Helium,  
\*Palladium compounds, Synthesis, Chemical properties,  
Stability, Electrochemistry, Electric discharges.

By the action of helium activated by electrical charges  
at low pressure on palladium volatilized cathodically,  
is obtained a product with a strong proportion of  
helium, very stable and with properties distinct from  
those of the palladium obtained under equal conditions  
(Chemistry--Inorganic, TT, v. 10, no. 2) (over)

63-10344

I. Damianovich, H.  
II. Title: Action...

Office of Technical Services

Damianovich, Horacio.  
CONTRIBUTION TO THE STUDY OF CATHODIC  
SPUTTERING. 9 Oct 61, 11p. 2 refs. 63-10136  
Order from SLA \$1.60

Trans. of [Universidad Nacional del Litoral]. Insti-  
tuto de Investigaciones Cientificas y Tecnolo-  
gicas]. Anales (Argentina) 1934, v. 3/4, p. 23-31.

DESCRIPTORS: \*Cathodes, \*Electrodes, Microstruc-  
ture, Electric discharges, \*Platinum, \*Helium,  
Hydrogen, \*Lead.

63-10136

I. Damianovich, H.

Damianovich, Horacio and Piazza, Jose.  
ACTION OF OXYGEN ON PLATINUM UNDER THE  
INFLUENCE OF ELECTRIC DISCHARGES AT LOW  
PRESSURE. 29 Dec 61 [6]p.  
Order from SLA \$1.10

63-10134

Trans. of [Universidad Nacional del Litoral]. Inst[itu-  
tuto de] Invest[igaciones] Cient[ificas y] Tecn[ologicas].  
Anales (Argentina) 1932, v. 1, p. 49-53.

DESCRIPTORS: \*Oxygen compounds, \*Platinum com-  
pounds, Oxides, Synthesis, Adsorption, \*Electric  
discharges.

Employing a discharge technique similar to that used in  
the action of helium on platinum, the authors have suc-  
ceeded in combining oxygen with platinum under the in-  
fluence of discharges at low pressure. The product  
obtained seems to be an oxide having the relation  $P_2O_3$ .  
(Chemistry--Inorganic, TT, v. 10, no. 2) (over)

63-10134

I. Damianovich, H.  
II. Piazza, J.

Office of Technical Services

Damianovich, Horacio and Christen, Carlos.  
ACTION OF HYDROGEN ON PLATINUM UNDER THE  
INFLUENCE OF ELECTRIC DISCHARGES AT LOW  
PRESSURE. 19 Dec 61 [5]p.  
Order from SLA \$1.10

63-10138

Trans. of [Universidad Nacional del Litoral]. Inst[itu-  
tuto de] Invest[igaciones] Cient[ificas y] Tecn[ologicas].  
Anales (Argentina) 1932, v. 1, p. 54-57.

DESCRIPTORS: \*Hydrogen compounds, \*Platinum com-  
pounds, Synthesis, \*Electric discharges.

The authors, employing a technique similar to that  
used with helium, have obtained a product very much  
like finely-divided platinum. Under these conditions the  
combination of hydrogen with platinum is inconsiderable  
or nil. (Author)

(Chemistry--Inorganic, TT, v. 10, no. 2)

63-10138

I. Damianovich, H.  
II. Christen, C.

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63-10133

Damianovich, Horacio.  
INERTIA AND CHEMICAL ACTIVITY OF THE RARE  
GASES. XV. ELECTRICAL RESISTANCE AND OP-  
TICAL PROPERTIES OF THE CATHODIC FILMS OF  
HELIUM-PLATINUM COMPOUNDS. 20 Oct 61, 9p.  
7 refs.  
Order from SLA \$1.10

63-10133

Trans. of [Universidad Nacional del Litoral], Inst[itu-  
tuto de] Invest[igaciones] Cient[ificas y] Tecn[ologicas].  
Anales (Argentina) 1937, v. 7, p. 10-16.

DESCRIPTORS: \*Helium group gases, \*Helium,  
\*Platinum compounds, Resistance (Electrical), Optical

I. Damianovich, H.  
II. Title: Electrical...



Damianovich, Horacio and Berraz, Guillermo.  
ACTION OF NITROGEN ON PLATINUM UNDER THE  
INFLUENCE OF ELECTRIC DISCHARGES AT LOW  
PRESSURE. 4 Jan 62, 8p. 1 ref.  
Order from SLA \$1.10

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Trans. of [Universidad Nacional del Litoral]. Inst[itu-  
tuto de] Invest[igaciones] Cient[ificas y] Tecn[ologicas].  
Anales (Argentina) 1932, v. 1, p. 58-63.

DESCRIPTORS: \*Nitrogen compounds, \*Platinum com-  
pounds, Synthesis, Stability, Chemical properties,  
\*Electric discharges.

The authors, employing a technique similar to that  
utilized with helium, have succeeded in combining nitro-  
gen with platinum under the influence of electric dis-  
charges at low pressure. The product is relatively  
stable and its properties (particularly the density and  
(Chemistry--Inorganic, TT, v. 10, no. 2) (over)

63-10137

I. Damianovich, II.  
II. Berraz, G.

Office of Technical Services

63-10347

I. Damianovich, H.  
II. Title: Combination ...

Damianovich, Horacio.  
[THE CHEMISTRY OF HELIUM AND HELIUM COM-  
POUNDS]: COMBINATION OF HELIUM WITH URANIUM  
BY CHEMICAL-CATHODIC ACTIVATION AND THER-  
MAL DECOMPOSITION OF THE COMPLEX FORMED.  
[1962] 7p. 3 refs.  
Order from OTS or SLA \$1.10

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Trans. of Asoc[iacion] Quim[ica] Argentina. Anales,  
1939, v. 27, p. 64-73.  
Another trans. is available from SLA mi\$1.80, ph\$1.80  
as 59-17347, AERE Lib/Trans-526, Apr 55 [7]p.

DESCRIPTORS: \*Helium, \*Uranium, \*Electrolysis,  
\*Pyrolysis, Oxidation, Complex compounds, Heat of  
activation, Chemical reactions.

By chemical-cathodic activation uranium fixes helium  
in proportions which vary from 6 to 9 cubic millimeters  
(Chemistry--Physical. TT, v. 9, no. 11) (over)

Office of Technical Services

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Damianovich, Horacio.  
INVESTIGATIONS ON THE CHEMICAL INERTIA OF  
THE RARE GASES. I. ACTION OF HELIUM ON  
PLATINUM. 30 Nov 60, 9p. 11 refs.  
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63-10381

Trans. of Soc[iedad] Españ[ola de] Fis[ica y] Quim-  
[ica] (Spain) 1928, v. 26, p. 365-371.

DESCRIPTORS: Inertia, Helium group gases, \*Helium,  
\*Platinum, Chemical analysis, Molecular structure.

A product obtained by the action of helium on platinum,  
... discharge at

I. Damianovich, H.  
II. Title: Action ...

Damianovich, Horacio.  
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TATION OF THE ELEMENTS. 20 June 61, 12p. 3 refs.  
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Trans. of Soc[iedad] Cient[ifica] Argentina. Anales,  
1963, v. 122, p. 339-348.

DESCRIPTORS: \*Helium, Helium compounds, Platinum  
compounds, Nitrides, Pyrolysis, Minerals, \*Atomic  
transmutation.

(Chemistry--Physical, TT, v. 10, no. 1)

63-10338

I. Damianovich, H.

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63-10517

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Order from SLA \$1.10

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(Physic[al] and Chem[ical] Sci[ences]) p. 137-144.

DESCRIPTORS: \*Helium, Chemical compounds,  
Theory, Synthesis, Chemical properties, Valence

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(Chemistry--Inorganic, TT, v. 10, no. 1)

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AEU-4r-5635

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Daminovich, J. Stipicic, 6 pp.

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- II. Sarankin, G. E.
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**SLA TT-66-11587**

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DESCRIPTORS: \*Flame propagation, Velocity,  
\*Turbulence, Gases, Combustion, Laminar flow,  
Combustion chambers,

(Chemistry--Physical, TT, v. 11, no. 3)

TT-63-20555

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*P. Damm*

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Method of Sound Dispersion for the Investigation of  
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